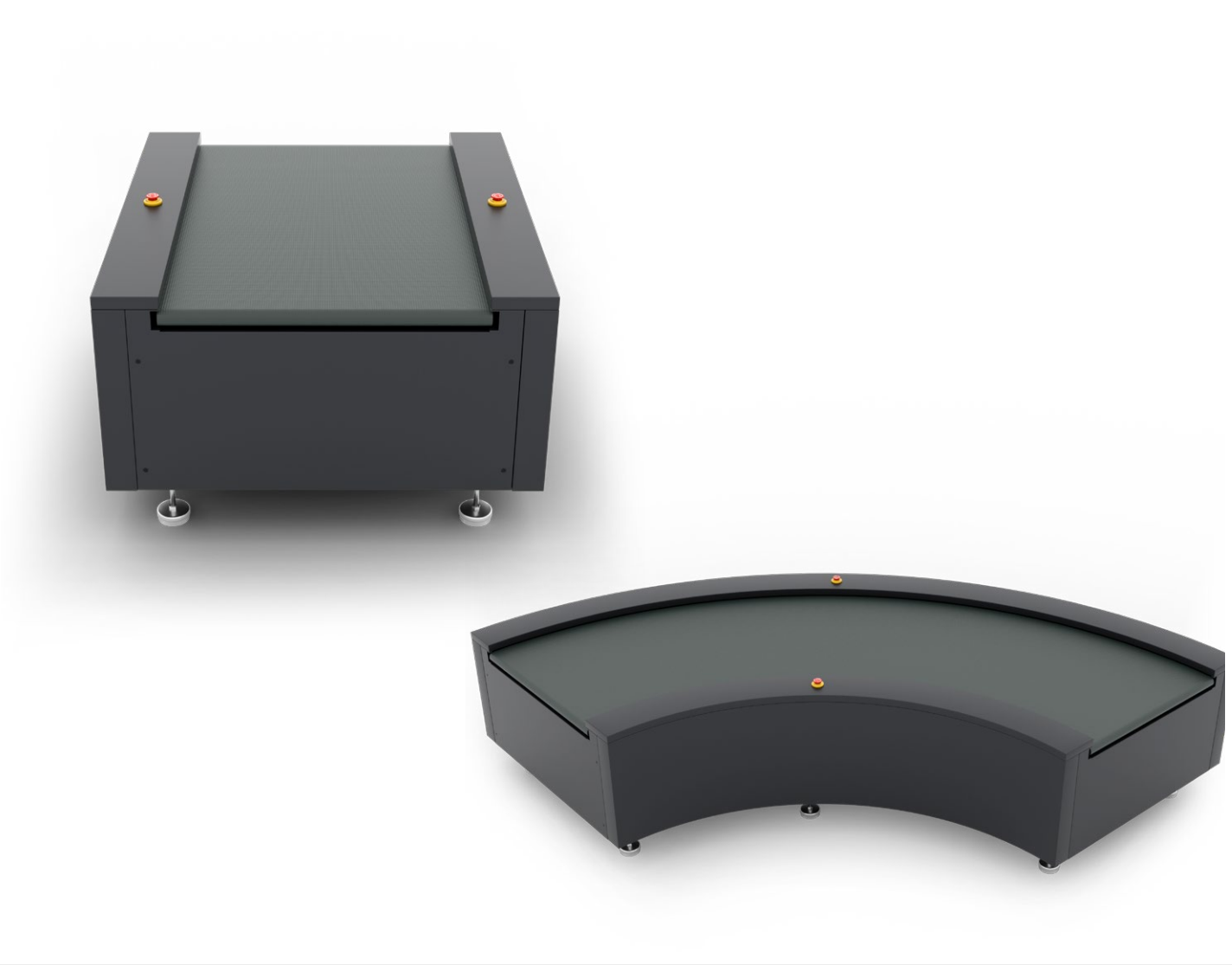
beevision.ai



BeeVision 100

STRAIGHT & 90 ° ROTATION CONVEYOR

PRODUCT BROCHURE

DEFINITION

BeeVision 100 is an automated transport system that moves materials in complete automated systems. It is used in logistics and manufacturing to save space, ensure continuous flow, and enhance workflow efficiency.

COMPONENTS

- **Belt/Band:** The moving surface that carries materials (e.g., PVC, rubber).
- **Motor:** The power source driving the belt movement.
- **Rollers/Pulleys:** Cylinders that support and guide the belt.
- **Frame:** The metal structure holding the system together.
- **Sensors/Controls:** Automation elements monitoring and directing the flow.

FEATURES

- **Space Saving:** The U-shape provides more conveyor length in limited spaces. Optimizes space utilization by creating a compact layout within the plant.
- **Continuous Flow:** Ensures uninterrupted transportation of materials from one point to another. The return loop facilitates the collection of products close to the starting point.
- **Ergonomics and Efficiency:** Allows operators to load and unload in the same space. This speeds up the workflow and reduces worker travel distance.
- **Flexible Layout:** In production or packaging lines, it simplifies work processes by keeping entry and exit points close. Especially ideal for operations such as sorting, packing or assembly.
- **Material Flow Control:** The U-shape facilitates the routing and control of products. It offers a suitable structure for processing at intermediate stations.

TECHNICAL SPECIFICATIONS

Area of Use	Feed, output, sortation
Belt Material	PVC high-endurant friction belt
Maximum Speed	2 m/s
Motor Type	Frequency inverter driven motor
Weight Capacity	60 kg for each parcel
Belt Dimensions (W x H x L)	110 cm x 80 cm x 80 cm
Safety Features	Double emergency stop per module
Belt Stabilization	Anti-deviation system



TECHNICAL SPECIFICATIONS

Power Consumption	1.5 kW
Operating Temperature	(-10°C) - (+40°C)
Belt Tension Adjustment	Easy manual adjustment
Maximum Module Length	Up-to 5 meters per module





COMPATIBLE PRODUCTS

BeeSort
Parcel Sorting System



BeeVision 190
Dynamic Dimensioning System



BeeVision 190XL
Dimensioner for Large Objects

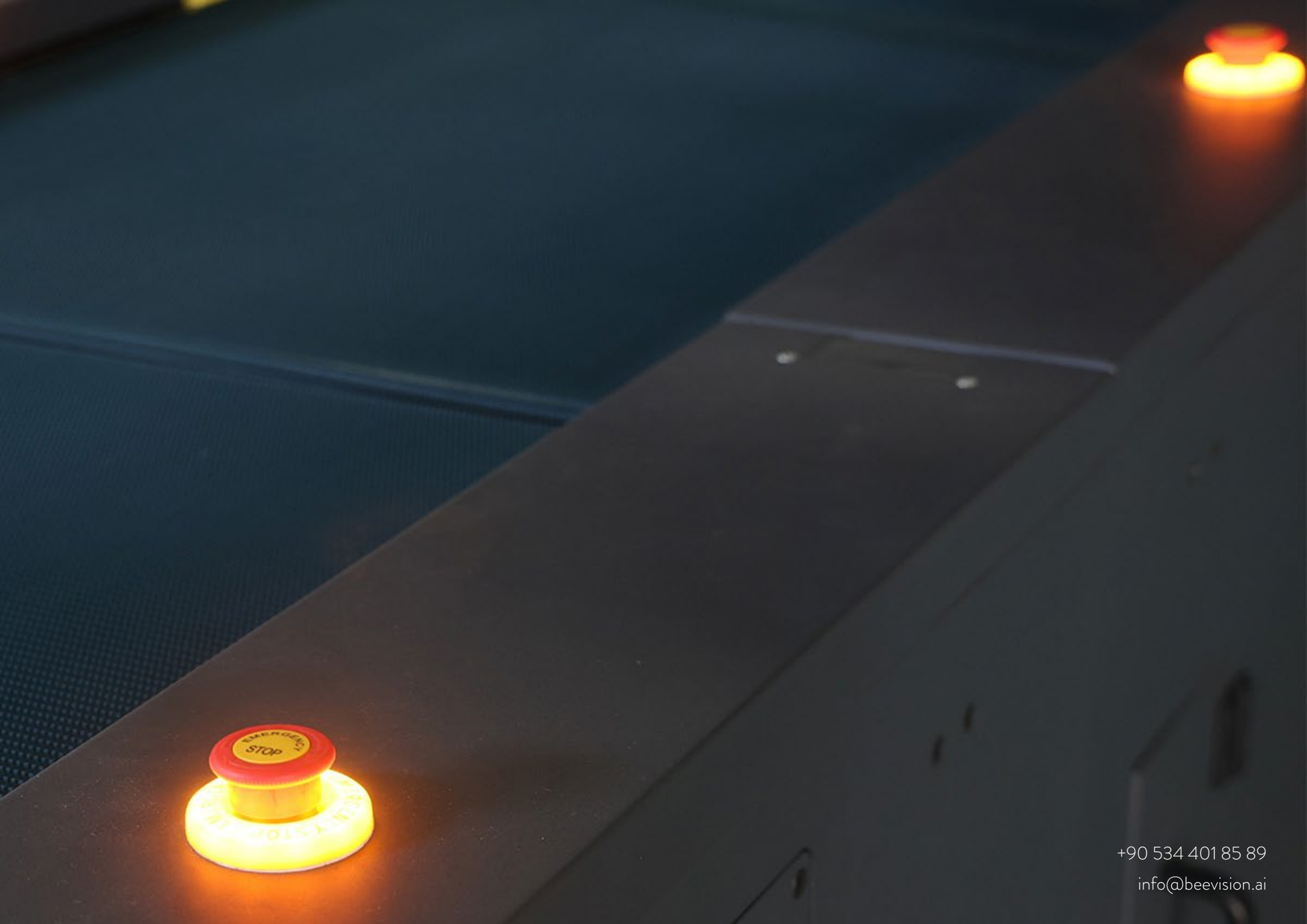


BeeVision 181
Semi-Dynamic Dimensioner



BeeVision 400
Automatic Label Applicator





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